

Converting Colors

YUV(99.9180, 58.7074, 70.2319)

Have a look what the booklet for
YUV(99.9180, 58.7074, 70.2319)
contains.

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Color

**YUV(99.9180, 58.7074,
70.2319)**

Conversions

Conversions Part 1

Format	Color
Hex	B424DB
RGB	180, 36, 219
RGB Percent	71%, 14%, 86%
CMY	0.2941, 0.8588, 0.1412
CMYK	0.18, 0.84, 0.00, 0.14
HSL	287°, 72%, 50%
HSV	287°, 84%, 86%
XYZ	32.2394, 16.0795, 68.4223
YIQ	99.9180, 27.0810, 87.4410

Conversions

Conversions Part 2

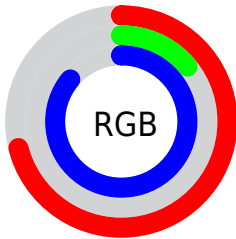
Format	Color
R _{YB}	180, 36, 219
Decimal	11805915
CIE Lab	47.08, 76.81, -62.55
CIE LCh	47, 99.058, 320.842
Yxy	16.0795, 0.2762, 0.1377
Android (android.graphics.Color)	4289995995 (0xFFB424DB)
YUV	99.9180, 58.7074, 70.2319
Hunter-Lab	40.0993, 73.3386, -73.0983

Details

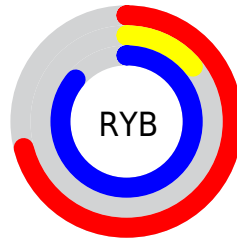
The YUV color **99.9180, 58.7074, 70.2319** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **155.0820, -58.7074, -70.2319**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7040, 46.4879, 69.5426**, and **55.0600, 53.2144, 58.7064** is the 20% darker color. If you saturate the color by 10%, you get **85.5090, 65.8111, 78.4836**, and if you desaturate by 10%, it is **114.3270, 51.6038, 61.9802**.

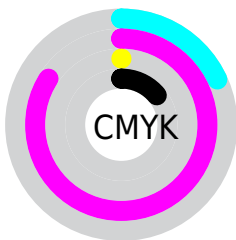
Distribution



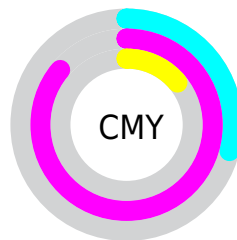
- Red (71%)
- Green (14%)
- Blue (86%)



- Red (71%)
- Yellow (14%)
- Blue (86%)



- Cyan (18%)
- Magenta (84%)
- Yellow (0%)
- Black (14%)





- Cyan (29%)
- Magenta (86%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.9180, 58.7074, 70.2319 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 99.9180, 58.7074, 70.2319 by changing the saturation by 10% instead.


 99.9180, 58.7074,
70.2319


 99.9180, 58.7074,
70.2319


255.0000, 0.0000,
0.0000


 66.9230, 61.1700,
73.7355


 160.7040, 46.4879,
69.5426


 55.0600, 53.2144,
58.7064


 182.2120, 35.8845,
63.8351


 43.3110, 45.6957,
43.5773


 199.2350, 27.4921,
48.9059

 31.3770, 38.7611,
27.7334

 216.2580, 19.0998,
33.9767

 19.7420, 31.6792,
12.5043

 233.8680, 10.4181,
18.5328

 6.8400, 26.2079,
-5.9987

 251.4780, 1.7363,

 5.3920, 15.5827,

3.0888

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 99.9180, 58.7074,
70.2319

■ 99.9180, 58.7074,
70.2319

■ 85.5090, 65.8111,
78.4836

■ 114.3270, 51.6038,
61.9802

■ 76.3940, 70.3048,
83.8465

■ 128.4370, 44.6476,
53.1138

■ 142.8460, 37.5439,
44.8621

■ 157.2550, 30.4403,
36.6104

■ 171.3650, 23.4841,
27.7439

■ 185.1870, 16.6698,
20.0070

■ 199.5960, 9.5662,
11.7553

■ 213.7060, 2.6099,
2.8888

■ 228.1150, -4.4937,
-5.3629

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5310, 81.5762, -78.5187



99.9180, 58.7074, 70.2319



87.5350, 26.3582, 132.8348

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



99.9180, 58.7074, 70.2319



105.6430, -52.0820, 45.0401



103.2070, 32.4359, -90.5125

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



99.9180, 58.7074, 70.2319



155.0820, -58.7074, -70.2319

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1150, -4.9867, -80.7849



99.9180, 58.7074, 70.2319



97.2950, -47.9664, -15.1677

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



99.9180, 58.7074, 70.2319



90.4010, -44.5677, 108.3963



79.8320, -39.3572, -70.0127



110.9420, 64.6116, -97.2961

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99.9180, 58.7074, 70.2319



84.2550, 0.8603, 144.4814



79.8320, -39.3572, -70.0127



100.0150, 20.2056, -87.7132

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



99.9180, 58.7074, 70.2319



213.2460, 20.5847, 24.3403



80.3420, 68.3584, -38.8879



102.4160, 12.6129, 14.5442



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



99.9180, 58.7074, 70.2319



89.1690, 81.7547, 98.0758



105.6510, 30.2451, 99.4071



102.6460, 3.6255, 3.8185



60.3860, 55.5187, 66.3135



16.0080, 14.7861, 17.5330

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



95.1630, -9.9404, 108.6050



82.4010, -14.0017, 151.3693



149.3490, -30.2451, -99.4071



102.5170, -0.7479, 6.5626



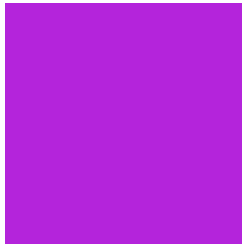
55.9450, -9.3399, 102.6572



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 99.9180, 58.7074, 70.2319 looks on a white background.

Color Contrast Check

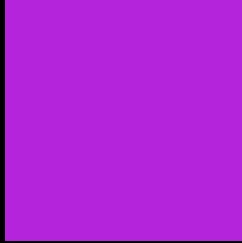
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 99.9180, 58.7074, 70.2319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

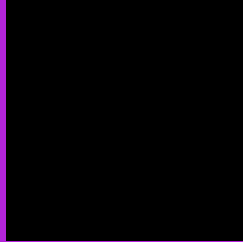
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 99.9180, 58.7074, 70.2319

Background



This preview shows how black text looks on a background with the YUV color 99.9180, 58.7074, 70.2319.



This preview shows how white text looks on a background with the YUV color 99.9180, 58.7074,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

99.9180, 58.7074, 70.2319

Protanopia

89.5020, 68.7725, -78.4933

Deuteranopia

89.9460, 55.2426, -78.8826



Tritanopia

113.2120, -7.9925, 43.6641

Trichromacy



Original Color

99.9180, 58.7074, 70.2319



Protanomaly

93.2190, 64.9680, -24.7481



Deuteranomaly

93.6290, 56.3849, -25.1076



Tritanomaly

108.2820, 16.1300, 53.2497

Monochromacy



Original Color

99.9180, 58.7074, 70.2319



Achromatopsia

100.0000, 0.0000, 0.0000



Achromatomaly

100.0720, 21.1635, 25.3699

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9180, 58.7074, 70.2319 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(180, 36, 219)` looks like.

```
.text, #text, p{  
    color:rgb(180, 36, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(180, 36, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 36, 219) }
```

Border

The CSS property to change the border of an element to YUV 99.9180, 58.7074, 70.2319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 36, 219) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(180, 36, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(180, 36, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 36, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 36, 219);  
box-shadow:4px 4px 4px 4px rgb(180, 36,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 99.9180, 58.7074, 70.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 36, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(180, 36,  
219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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